

	Type	Hits	Search Text	DBs	Time Stamp
1	IS&R	1	("5111497").PN.	USPAT; EPO; JPO	2003/11/17 16:54
2	IS&R	1	("5452306").PN.	USPAT; EPO; JPO	2003/11/18 09:28
3	IS&R	1	("5404388").PN.	USPAT; EPO; JPO	2003/11/18 10:23
4	IS&R	1	("4611101").PN.	USPAT; EPO; JPO	2003/11/18 13:01
5	BRS	450	out near band near (signal scheme protocol)	USPAT; EPO; JPO	2003/11/18 13:02
6	BRS	55352	test near (unit signal device module circuit)	USPAT; EPO; JPO	2003/11/18 13:03
7	BRS	4037	\$1DSL	USPAT; EPO; JPO	2003/11/18 13:03
8	BRS	33855	voice near (band signal analog protocol telephone device unit)	USPAT; EPO; JPO	2003/11/18 13:05
9	BRS	120090	modem splitter	USPAT; EPO; JPO	2003/11/18 13:05
10	BRS	86	(test near (unit signal device module circuit)) and \$1DSL and (voice near (band signal analog protocol telephone device unit)) and (modem splitter)	USPAT; EPO; JPO	2003/11/18 13:47
11	BRS	40	(out near band near (signal scheme protocol)) and (test near (unit signal device module circuit))	USPAT; EPO; JPO	2003/11/18 13:06
12	BRS	1	((out near band near (signal scheme protocol)) and (test near (unit signal device module circuit))) and \$1DSL	USPAT; EPO; JPO	2003/11/18 13:09
13	BRS	12	((test near (unit signal device module circuit)) and \$1DSL and (voice near (band signal analog protocol telephone device unit)) and (modem splitter)) and (out near band)	USPAT; EPO; JPO	2003/11/18 13:46
14	BRS	12	((((test near (unit signal device module circuit)) and \$1DSL and (voice near (band signal analog protocol telephone device unit)) and (modem splitter)) and (test near (unit device circuit))) and generator	USPAT; EPO; JPO	2003/11/18 13:49
15	BRS	44	((test near (unit signal device module circuit)) and \$1DSL and (voice near (band signal analog protocol telephone device unit)) and (modem splitter)) and (test near (unit device circuit))	USPAT; EPO; JPO	2003/11/18 15:04
16	BRS	25	((((test near (unit signal device module circuit)) and \$1DSL and (voice near (band signal analog protocol telephone device unit)) and (modem splitter)) and (test near (unit device circuit))) and copper	USPAT; EPO; JPO	2003/11/18 15:11
17	IS&R	1	("6137839").PN.	USPAT; EPO; JPO	2003/11/19 10:44
18	BRS	60448	non near linear	USPAT; EPO; JPO	2003/11/19 10:44
19	BRS	90	(non near linear) and DSL	USPAT; EPO; JPO	2003/11/19 10:44
20	BRS	13	((non near linear) and DSL) and (test near (signal unit device module))	USPAT; EPO; JPO	2003/11/19 11:01
21	IS&R	1	("6014425").PN.	USPAT; EPO; JPO	2003/11/19 18:33
22	IS&R	1	("6014425").PN.	USPAT; EPO; JPO	2003/11/20 10:06
23	IS&R	1	("6137839").PN.	USPAT; EPO; JPO	2003/11/20 18:19

	Type	Hits	Search Text	DBs	Time Stamp
24	BRS	0	wo-9531865	USPAT; US-PGPUB; EPO; JPO	2004/05/07 10:00
25	BRS	1	wo-9531865-\$.did.	USPAT; US-PGPUB; EPO; JPO	2004/05/07 13:30
26	BRS	3	customer near line near tester	USPAT; US-PGPUB; EPO; JPO	2004/05/07 13:39
27	BRS	271	lawrence-p\$.in.	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:48
28	BRS	2	lawrence-p\$.in. and tester	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:49
29	BRS	2	lawrence-p\$.in. and test\$4 near telephone near line	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:50
30	BRS	2	lawrence-p\$.in. and test\$4 near telephone	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:50
31	BRS	2	lawrence-p\$.in. and test\$4 near line	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:57
32	BRS	0	kingan near jame	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:57
33	BRS	3	kingan with jame	USPAT; US-PGPUB; EPO; JPO	2004/05/07 15:59
34	BRS	98288	test\$3 with \$4line	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:37
35	BRS	58054	(test\$3 with \$4line) and @ad<19970707	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:40
36	BRS	13357	test\$3 near \$4line	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:38
37	BRS	8111	(test\$3 near \$4line) and @ad<19970707	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:38
38	BRS	27	((test\$3 near \$4line) and @ad<19970707) and \$1DSL	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:38
39	BRS	29	((test\$3 near \$4line) and @ad<19970707) and \$2DSL	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:40
40	BRS	102	((test\$3 with \$4line) and @ad<19970707) and \$2DSL	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:40
41	BRS	37	((((test\$3 with \$4line) and @ad<19970707) and \$2DSL) and (test\$3 near (signal\$3 frequency pulse)))	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:42
42	BRS	37	(((((test\$3 with \$4line) and @ad<19970707) and \$2DSL) and (test\$3 near (signal\$3 frequency pulse)))) and (copper line)	USPAT; US-PGPUB; EPO; JPO	2004/05/07 16:43
43	BRS	26	(((((test\$3 with \$4line) and @ad<19970707) and \$2DSL) and (test\$3 near (signal\$3 frequency pulse)))) and copper	USPAT; US-PGPUB; EPO; JPO	2004/05/07 17:53
44	IS&R	1	("5903625").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 10:24
45	IS&R	1	("5521858").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 10:24
46	IS&R	1	("5521959").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 10:25

	Type	Hits	Search Text	DBs	Time Stamp
47	IS&R	1	("6252503").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 10:25
48	IS&R	1	("5528660").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 12:50
49	IS&R	1	("5383177").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 13:05
50	IS&R	1	("4841560").PN.	USPAT; US-PGPUB; EPO; JPO	2004/05/16 13:10
51	BRS	8082	((lut (line near test)) and @ad<19970707	USPAT; US-PGPUB; EPO; JPO	2004/05/16 13:12
52	BRS	316	((lut (line near test)) and @ad<19970707) and ((test\$3 near signal) same (monitor\$4 analyz\$3 verif\$4 evaluat\$3))	USPAT; US-PGPUB; EPO; JPO	2004/05/16 13:25
53	BRS	25	((lut (line near test)) and @ad<19970707) and ((test\$3 near signal) same (monitor\$4 analyz\$3 verif\$4 evaluat\$3))) and copper	USPAT; US-PGPUB; EPO; JPO	2004/05/16 13:16

	Type	Hits	Search Text	DBs	Time Stamp
1	IS&R	1	("6111936").PN.	USPAT; EPO; JPO	2003/11/14 13:33
2	IS&R	1	("6014425").PN.	USPAT; EPO; JPO	2003/11/14 13:34
3	IS&R	1	("6212258").PN.	USPAT; EPO; JPO	2003/11/14 13:34
4	IS&R	1	("6181775").PN.	USPAT; EPO; JPO	2003/11/14 13:35
5	IS&R	1	("6278769").PN.	USPAT; EPO; JPO	2003/11/14 13:35
6	BRS	35	(((\$1DSL and splitter) and (\$1DSL and (band near signal))) and ((copper (wire)) same line)) and (test\$3 with signal)	USPAT; EPO; JPO	2004/05/07 09:45
7	BRS	14	(((\$1DSL and splitter) and (\$1DSL and (band near signal))) and ((copper (wire)) same line)) AND (370/\$).CCLS.) and (test\$3 with signal)	USPAT; EPO; JPO	2003/11/14 16:09

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6137839 A	20001024	57	Variable scaling of 16-bit fixed point fast fourier forward and inverse transforms to improve precision for implementation of discrete multitone for asymmetric digital subscriber loops	375/260
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WO 9531865 A1	19951123	17	CUSTOMER LINE TESTER	
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6504906 B1	20030107	25	Telephone micro-tester and transport system	379/27.01
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4924489 A	19900508	12	Customer line tester	379/22.06
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5111497 A	19920505	54	Alarm and test system for a digital added main line	379/27.01
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5892756 A	19990406	5	Portable telecommunication network testing device	370/241
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5841836 A	19981124	16	Network termination equipment	379/26.01
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5764726 A	19980609	21	Telecommunications test system including a test and trouble shooting expert system	379/21
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5521958 A	19960528	21	Telecommunications test system including a test and trouble shooting expert system	379/21
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5896443 A	19990420	11	Phone line computer networking	379/93.08
11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5668814 A	19970916	12	Dual DDS data multiplexer	370/540
12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5521959 A	19960528	9	Programmable source for supplying controllably variable AC/DC voltage output for telephone line measurement apparatus	379/27.04
13	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6252503 B1	20010626	5	Method of monitoring a sensor device and sensor device and analysis unit with monitoring means	340/514

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	370/210		Mannering, Dennis G. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6137839	<input type="checkbox"/>
2			KINGAN, JONATHAN JAMES et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WO 9531865 A1	<input type="checkbox"/>
3	379/1.01; 379/22.04; 379/26.01; 379/27.07; 379/29.01; 379/9.06		Kiko, Frederick J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6504906	<input type="checkbox"/>
4	379/24; 379/29.01; 379/29.03		Lawrence, Peter J. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 4924489	<input type="checkbox"/>
5	361/683; 370/248; 379/442; 379/451		Bliven, David C. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5111497	<input type="checkbox"/>
6	379/21		Murphy, Patrick	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5892756	<input type="checkbox"/>
7	379/22.01; 379/441; 379/442; 439/44; 439/54		Dunn, Anthony G. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5841836	<input type="checkbox"/>
8	379/27.02; 379/30; 455/423; 455/67.11		Selig, Kenneth Robert et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5764726	<input type="checkbox"/>
9	379/27.01; 379/29.01; 455/423		Selig, Kenneth R. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5521958	<input type="checkbox"/>
10	370/445; 379/90.01		Dichter, Carl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5896443	<input type="checkbox"/>
11	375/288; 375/289; 379/93.06		Balatoni, Nicholas A.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5668814	<input type="checkbox"/>
12	379/10.01; 379/22; 379/24; 379/30		Walsworth, Richard L. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5521959	<input type="checkbox"/>
13	340/310.06; 340/506; 340/511		Berger, Joachim et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6252503	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
14	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5903625 A	19990511	8	Automatic polling of direct access test unit to obtain usage data	379/21
15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6452767 B1	20020917	16	Arcing fault detection system for a secondary line of a current transformer	361/42

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
14	379/140; 379/27.04; 379/29.01; 379/29.05; 379/29.1		May, Vernon E.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5903625	<input type="checkbox"/>
15			Brooks, Stanley J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6452767	<input type="checkbox"/>